



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Tuesday May 25, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



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- **Slight risk of severe storms across the Panhandles/W OK/W TX today and Wednesday.**
- **Enhanced risk of severe storms across OK and NW AR on Thursday with a slight risk across the TX Panhandle and W TX.**
- **Threat of heavy rainfall and flash flooding across various parts of the region through Thursday.**

# FEMA Region 6 Threat Matrix

May 25, 2021 - May 29, 2021



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	W OK/W TX TX/OK Panhandles	NW OK TX/OK Panhandles	OK/NW AR TX Panhandle/W TX		
Heavy Rain / Flash Flooding	SE TX/NE TX/ SE OK/W AR	TX/OK Panhandles	N OK/NW AR OK/AR/ E TX Panhandle		
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	LA/TX AR	LA/TX AR	LA/TX AR	LA/TX AR	LA/TX AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



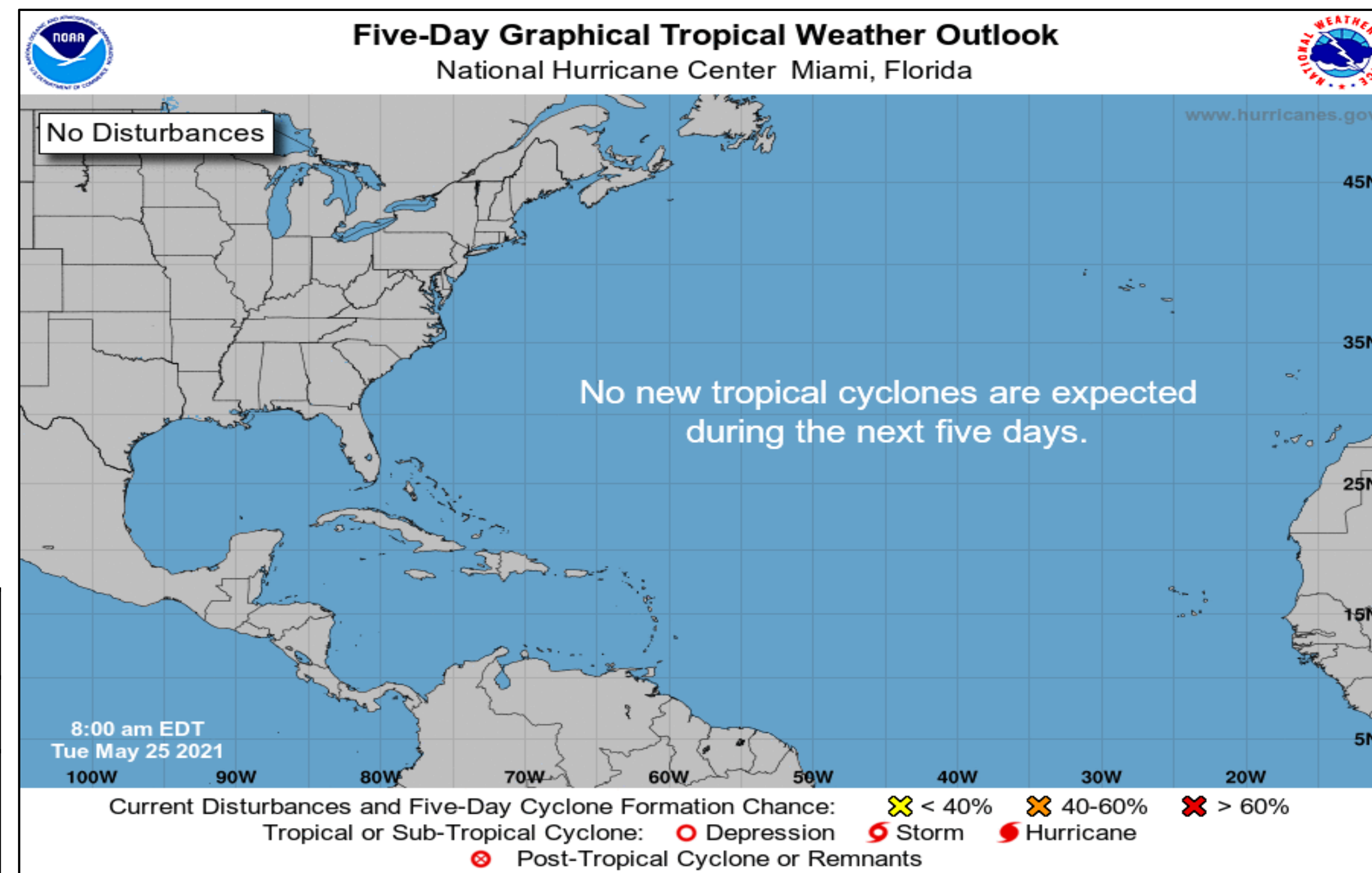
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	



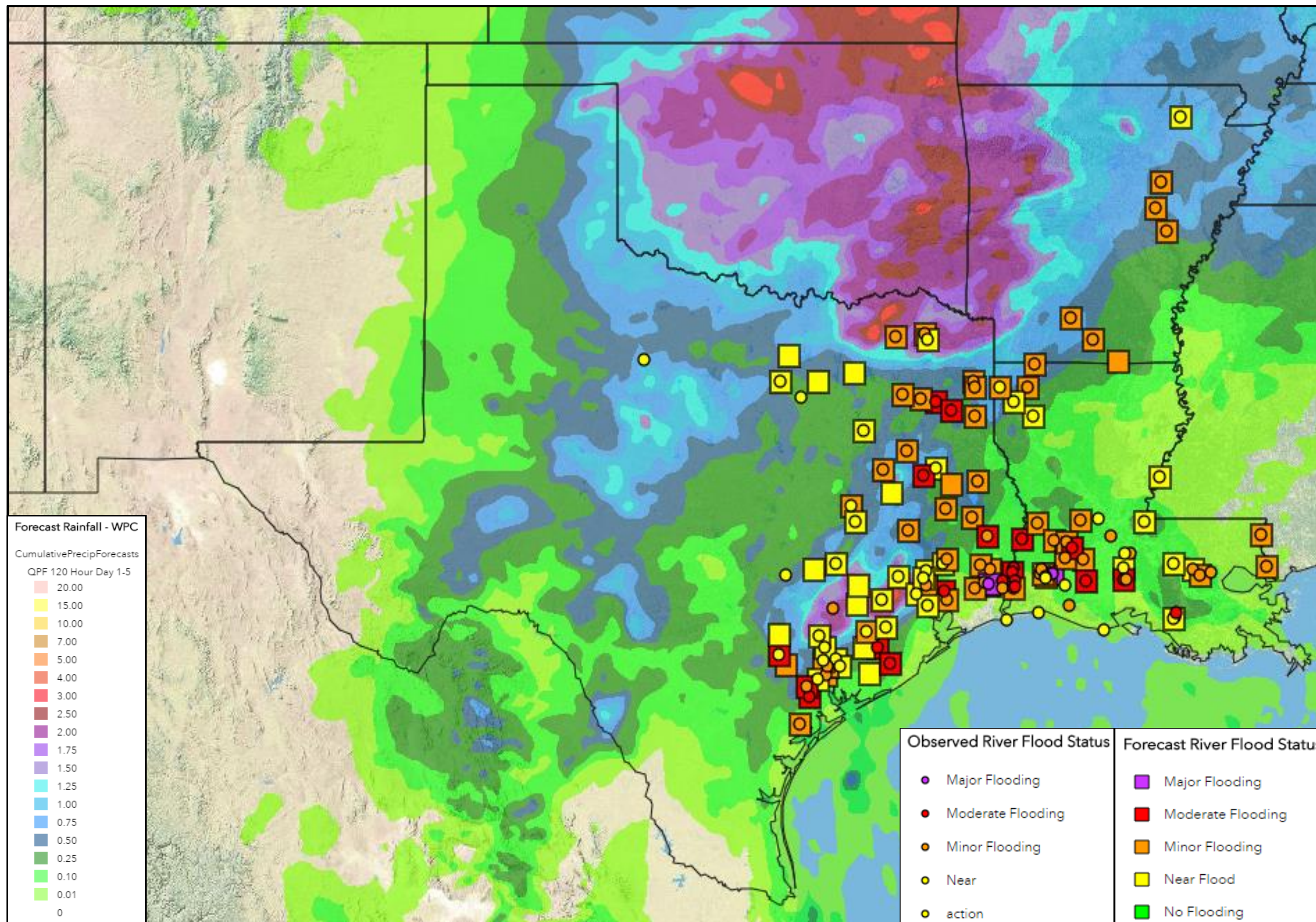


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Widespread minor, scattered moderate, and isolated major flooding continues for portions of TX and LA. Major lowland flooding is likely with significant flooding of roads and agricultural areas, with cattle cut off. Flooding with potential impacts to homes/structures is highlighted below.**

## Major Flooding in Texas

- **Neches River at Saltwater Barrier in SE TX is in major flood w/ several homes & camps flooded.**

## Major Flooding in Louisiana

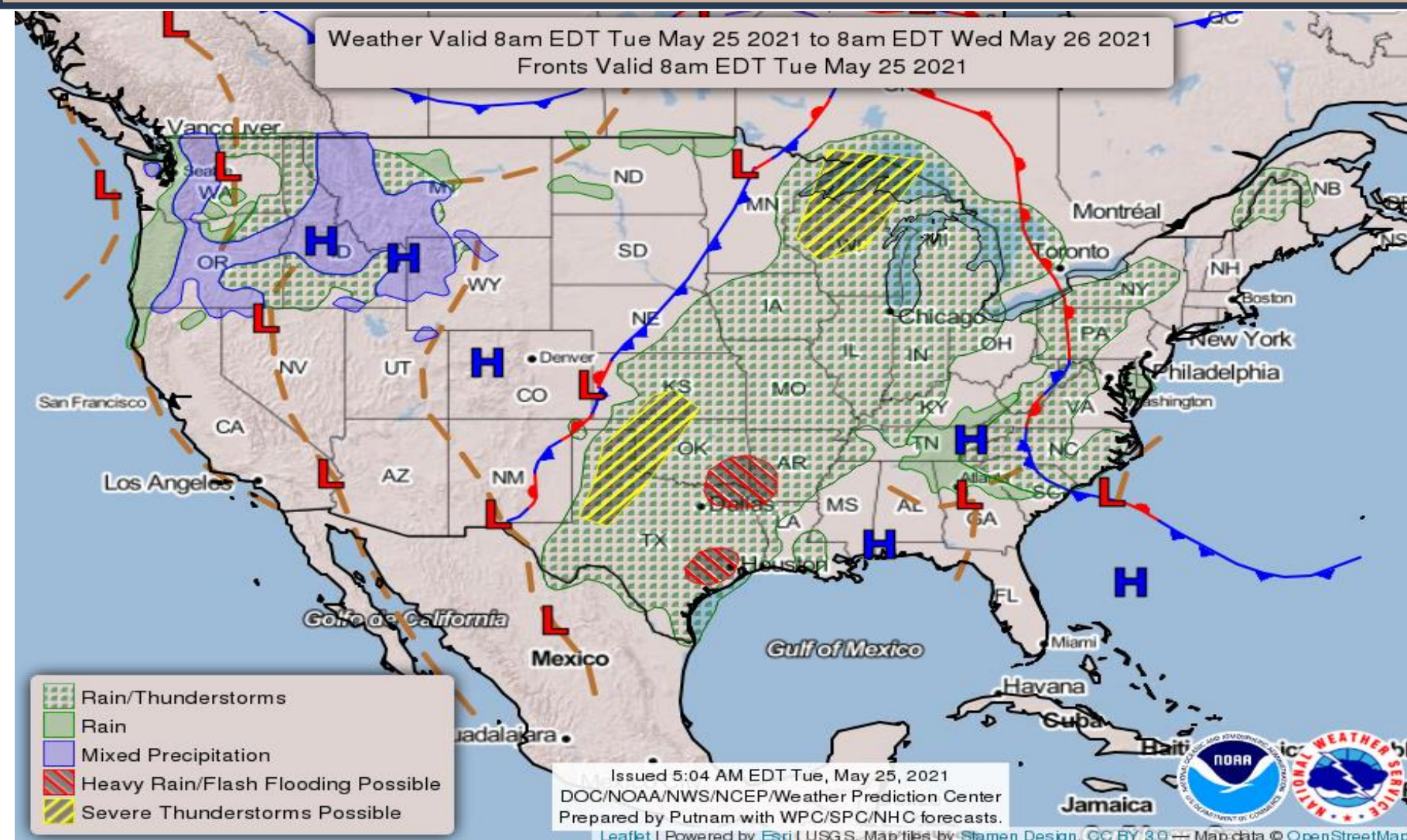
- **Calcasieu River at White Oak Park in SW LA is expected to continue at major flood for the next few days; extensive flooding with water in several homes and camps.**

- **Minor river flooding will continue across AR with flooding of agricultural/recreational areas and secondary roads.**

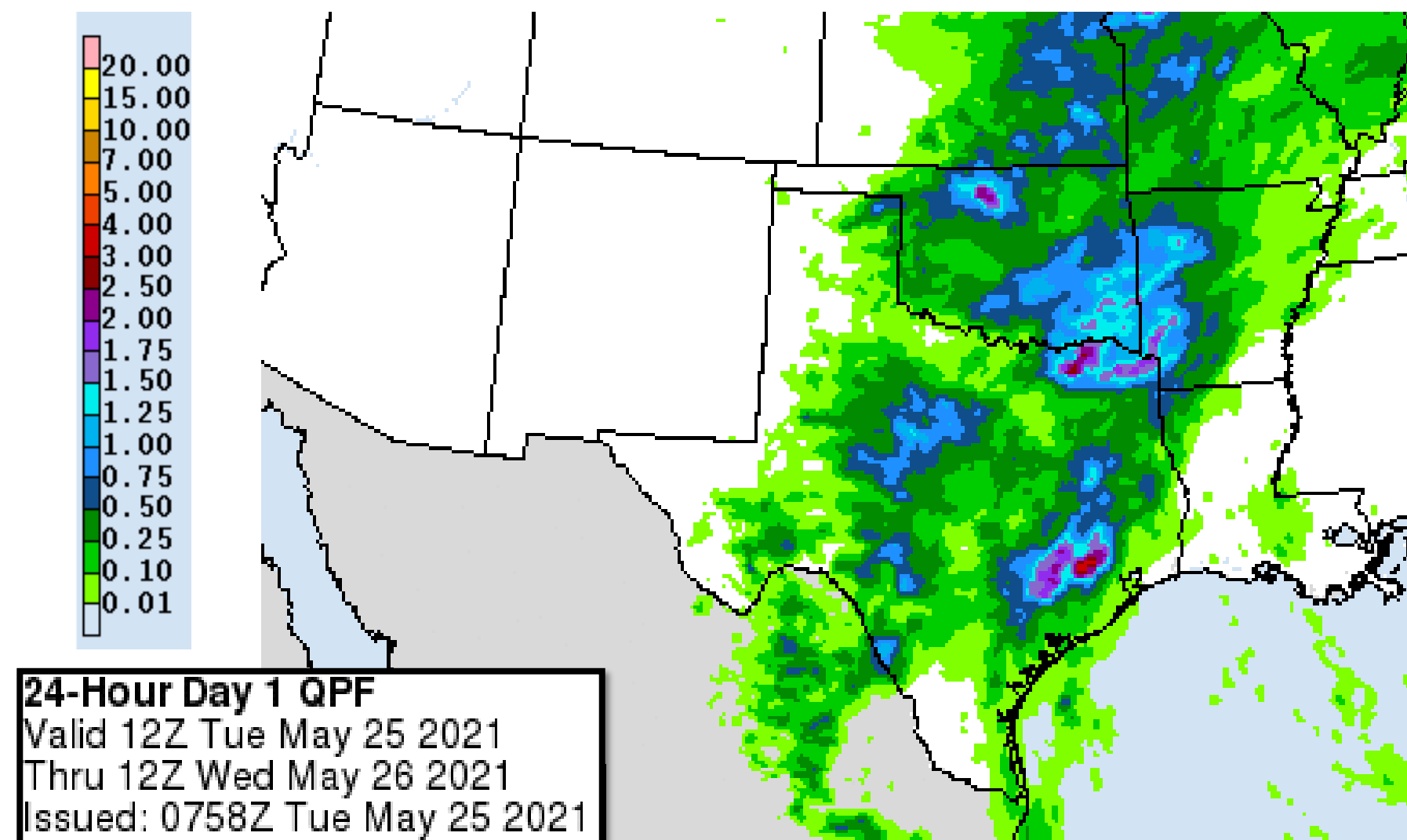


# Today's Weather

## Forecast Chart



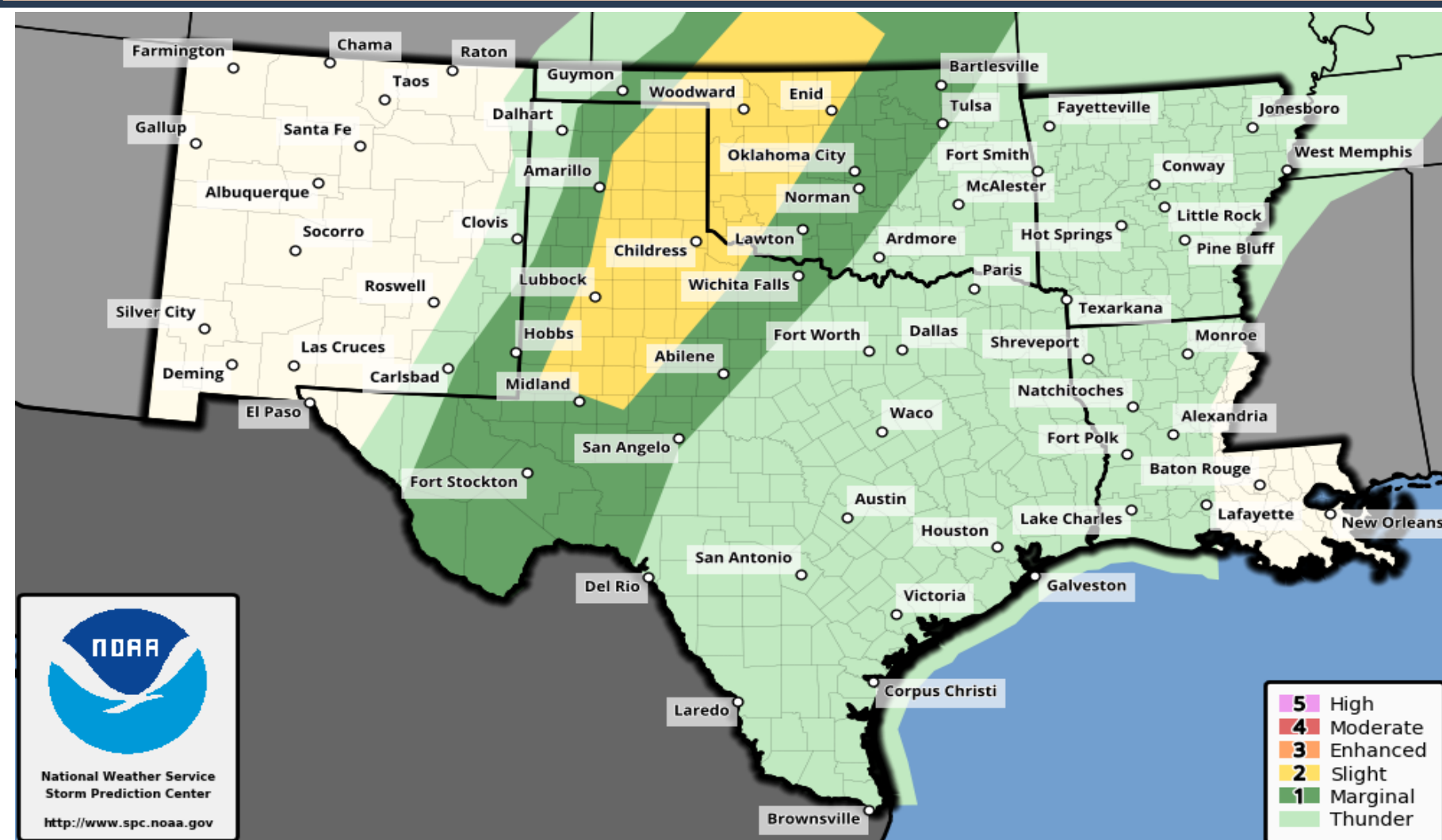
## Forecast Rainfall



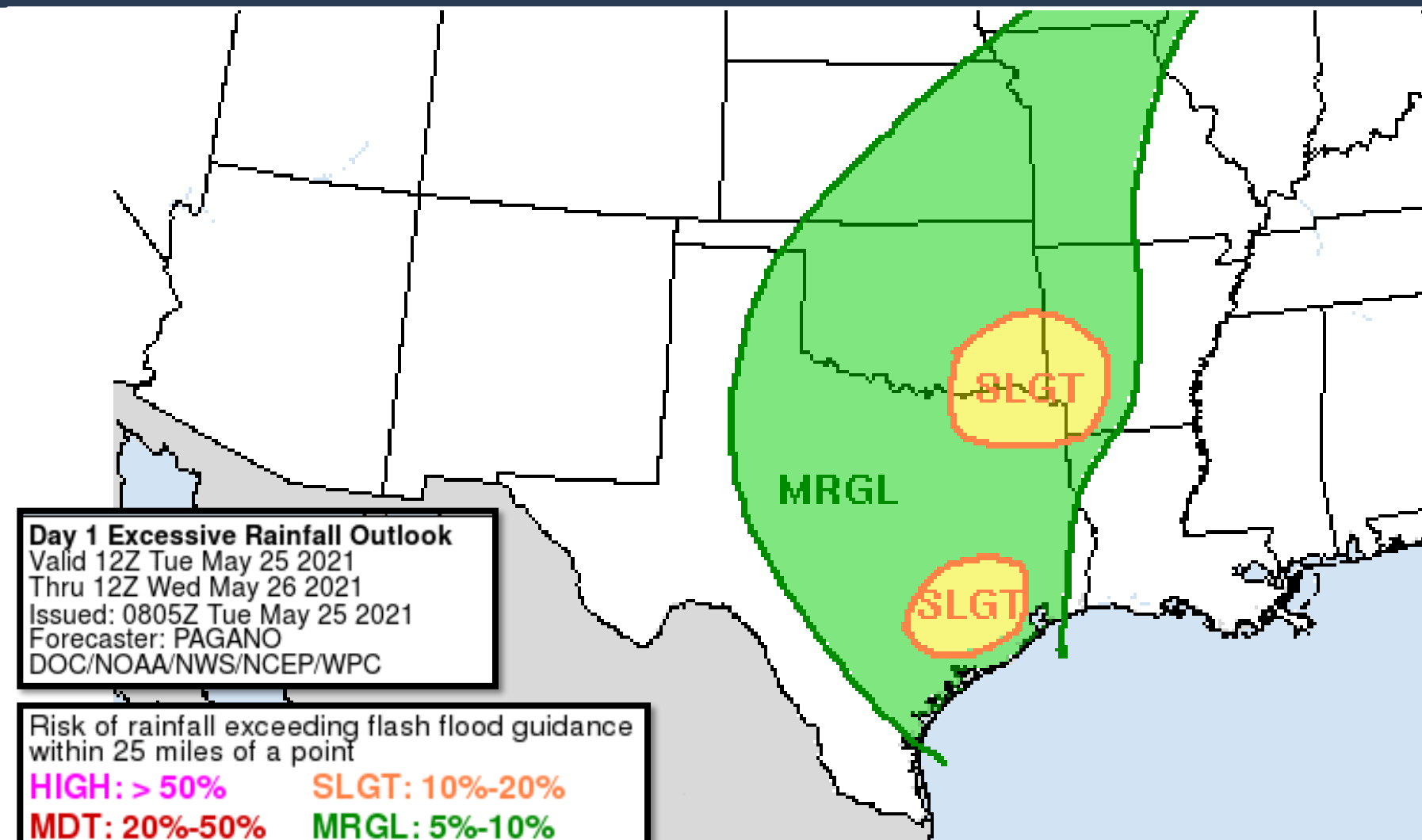
**Slight risk of severe storms across the Panhandles, W OK, and W TX. Threats include large hail and damaging winds.**

**Heavy rainfall and flash flooding across SE TX, NE TX, SE OK, and W AR.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



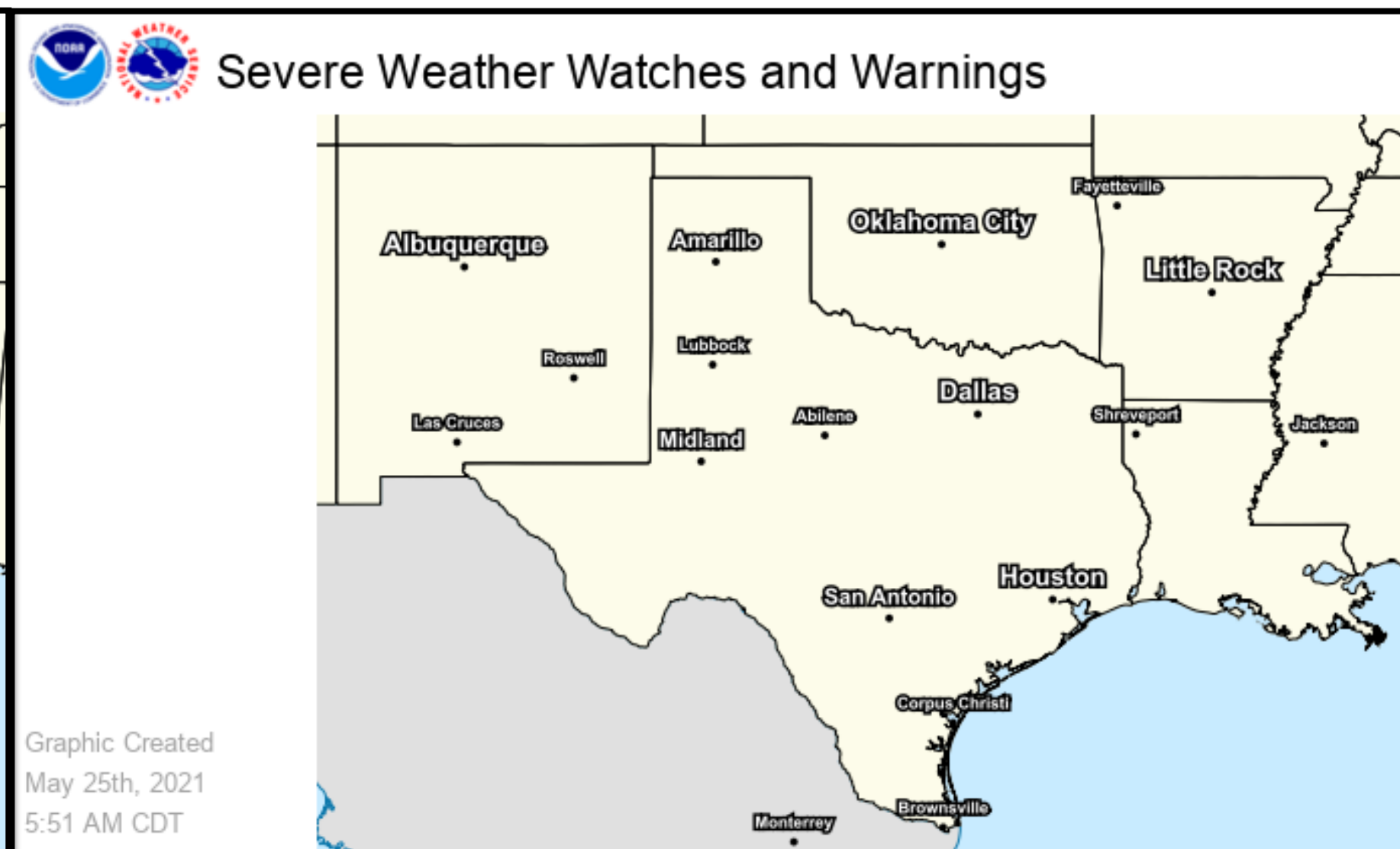
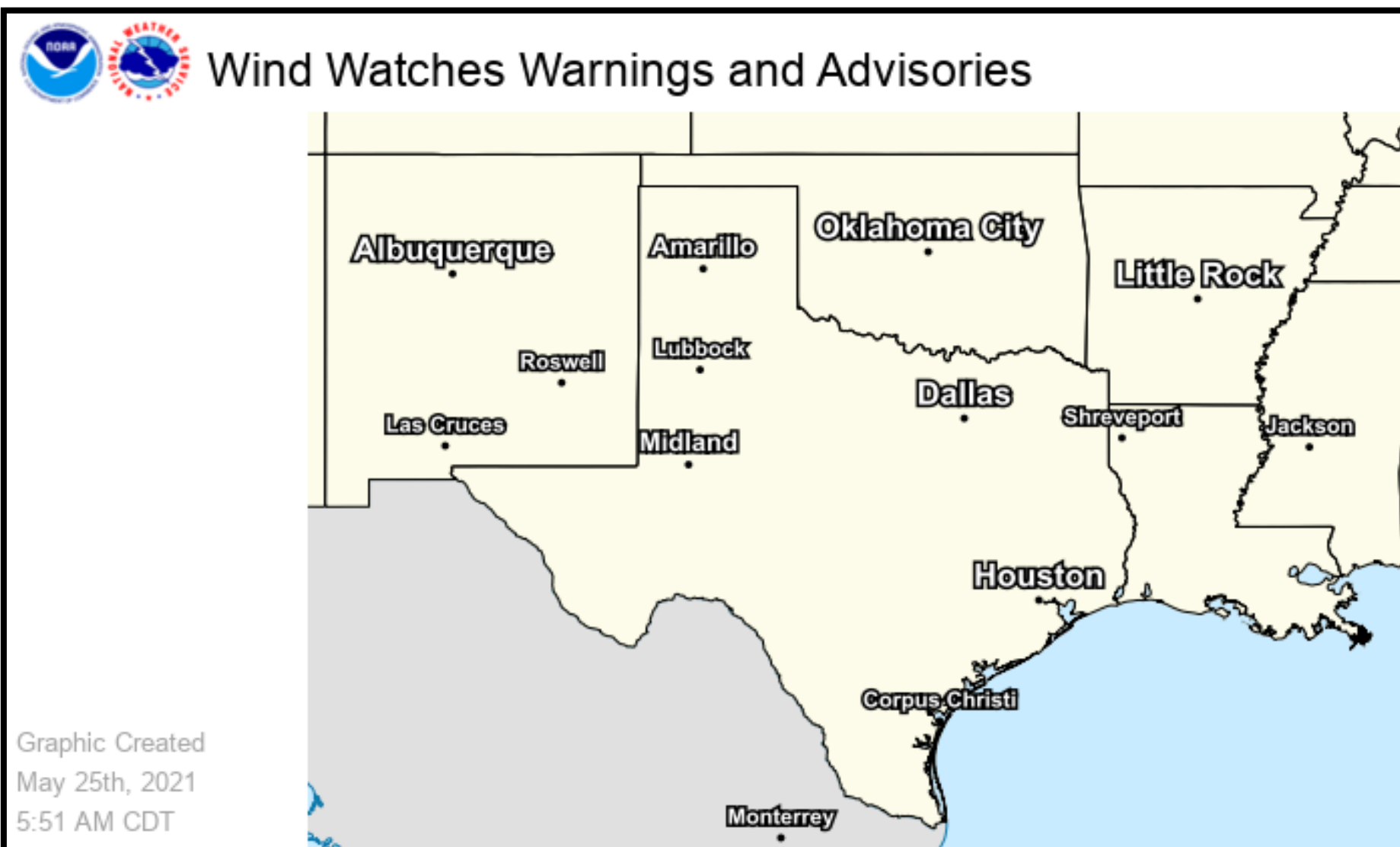


# Watches, Warnings, and Advisories

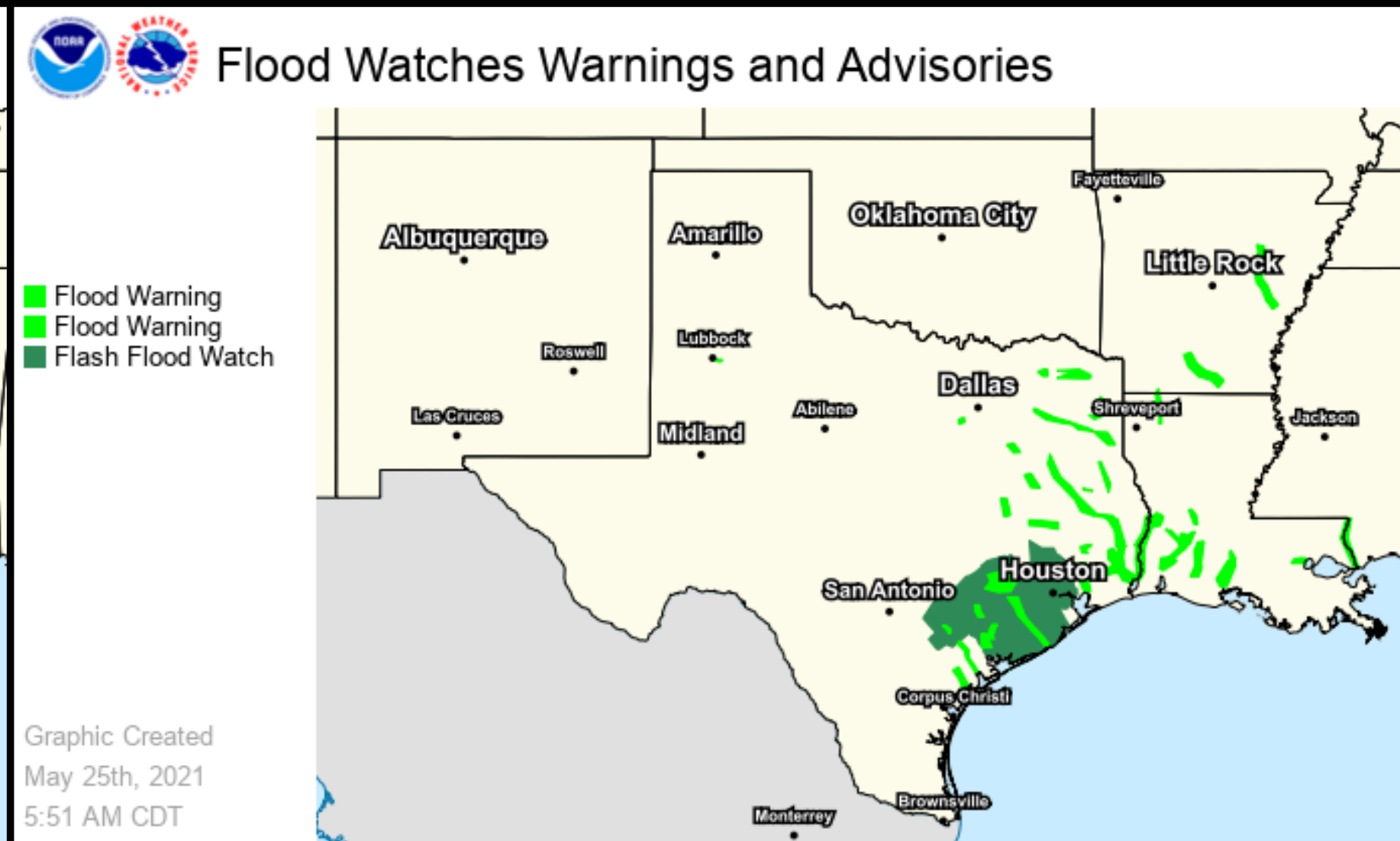
Wind, Severe, Winter, and Flood Hazards



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**Flash flood watches remain in effect for SE TX.**



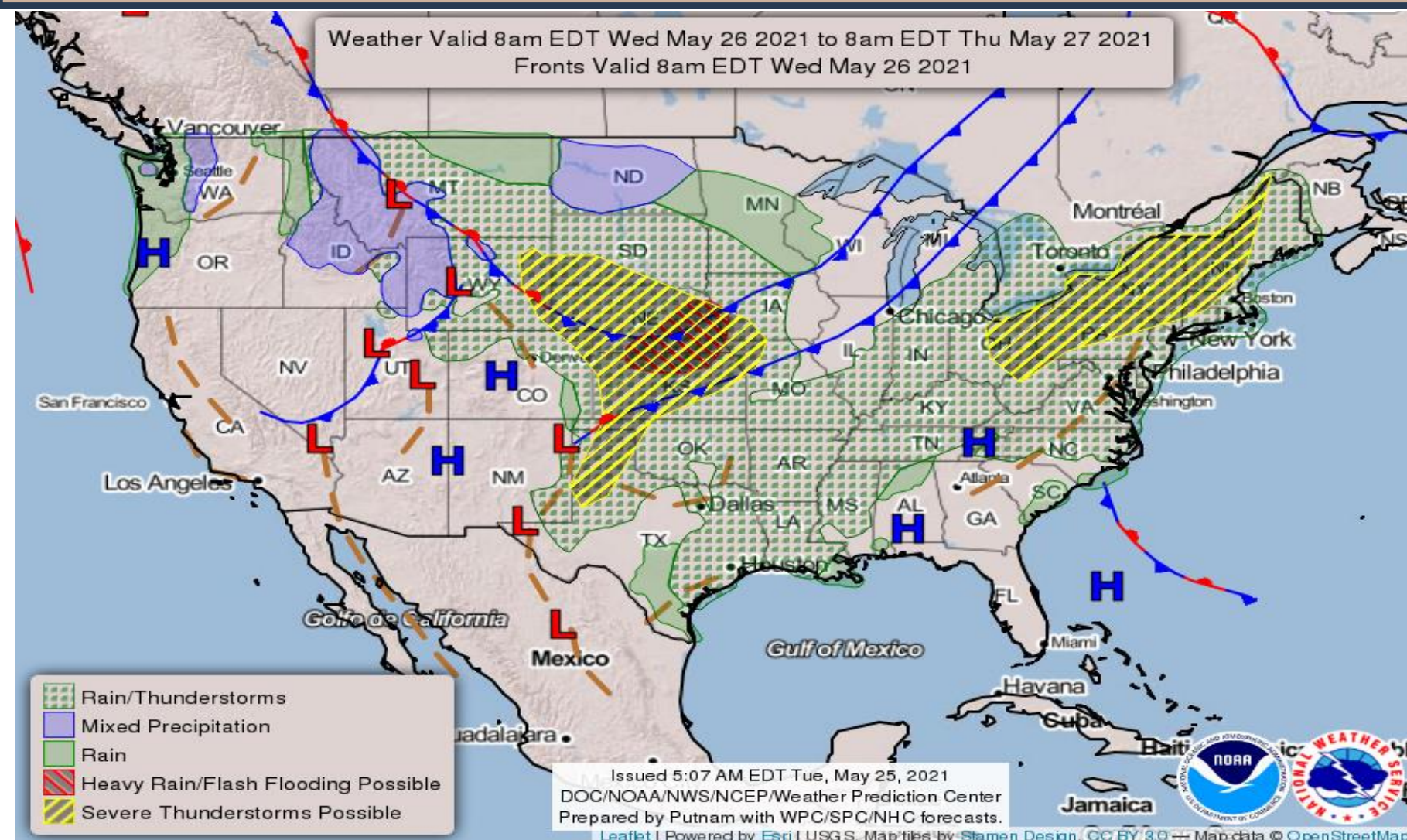


# Tomorrow's Weather

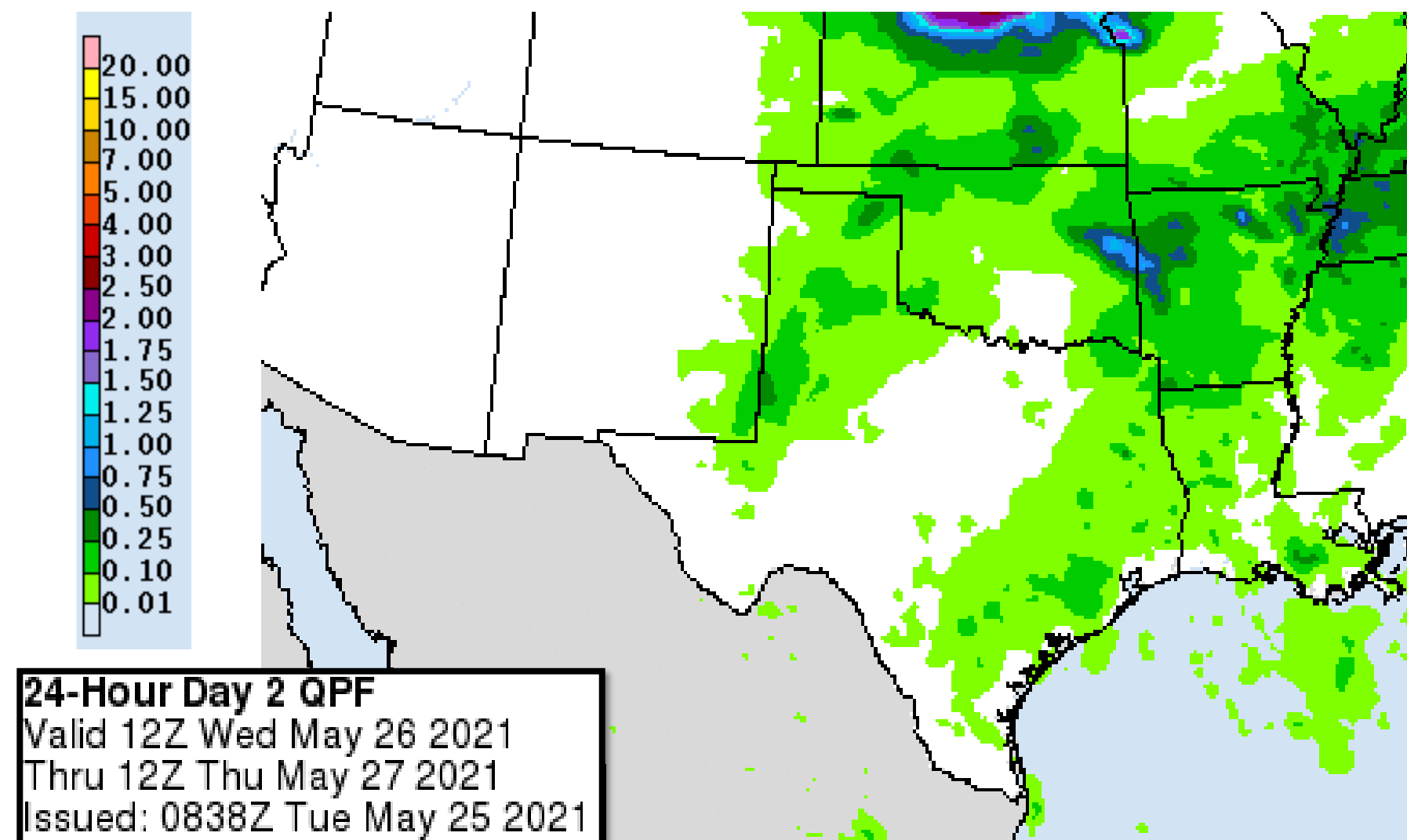


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## Forecast Chart



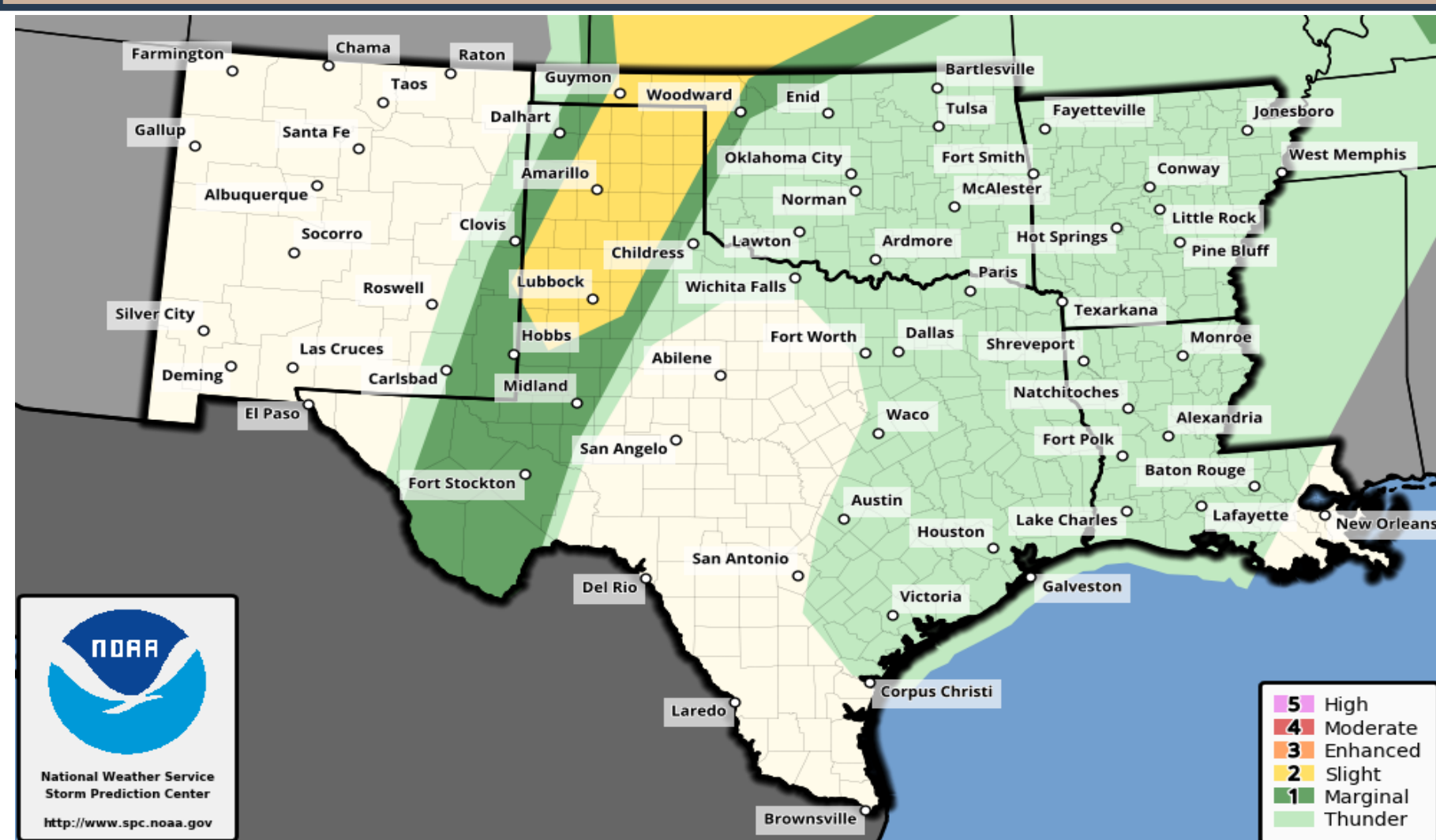
## Forecast Rainfall



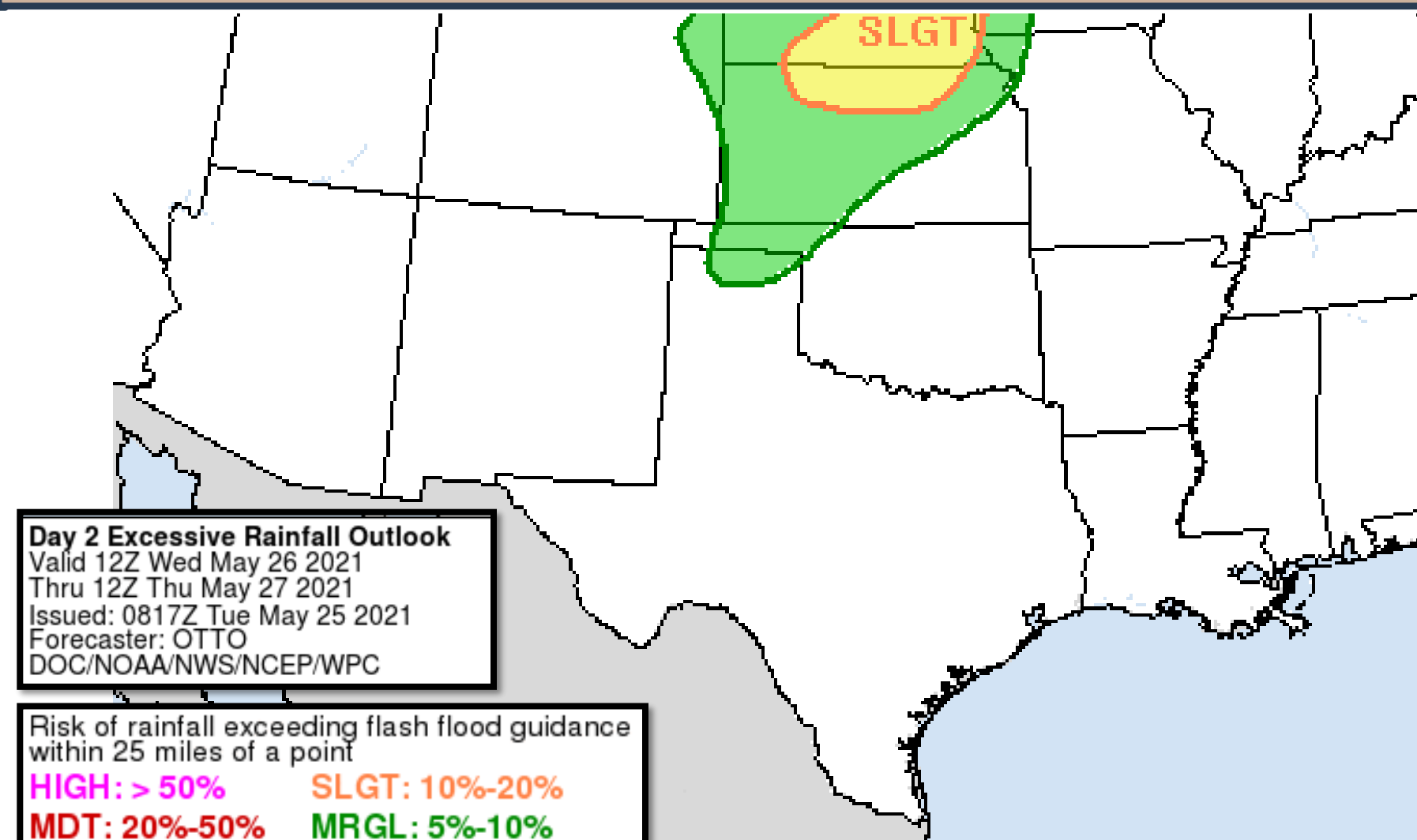
**Slight risk of severe storms across the Panhandles and NW OK. Threats include large hail, damaging winds, and a few tornadoes.**

**Isolated heavy rainfall and flash flooding across the Panhandles.**

## Severe Weather Outlook



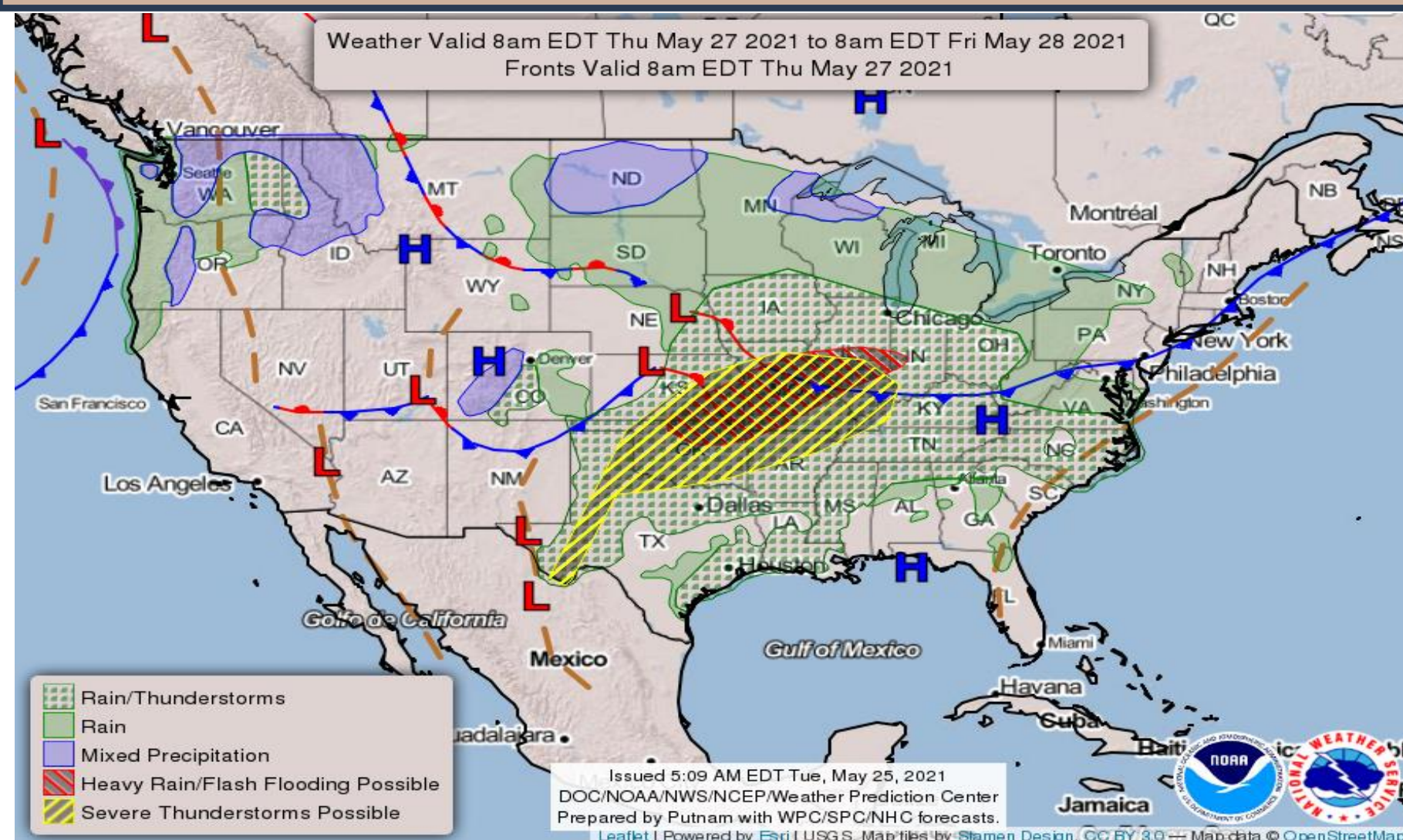
## Excessive Rainfall Outlook



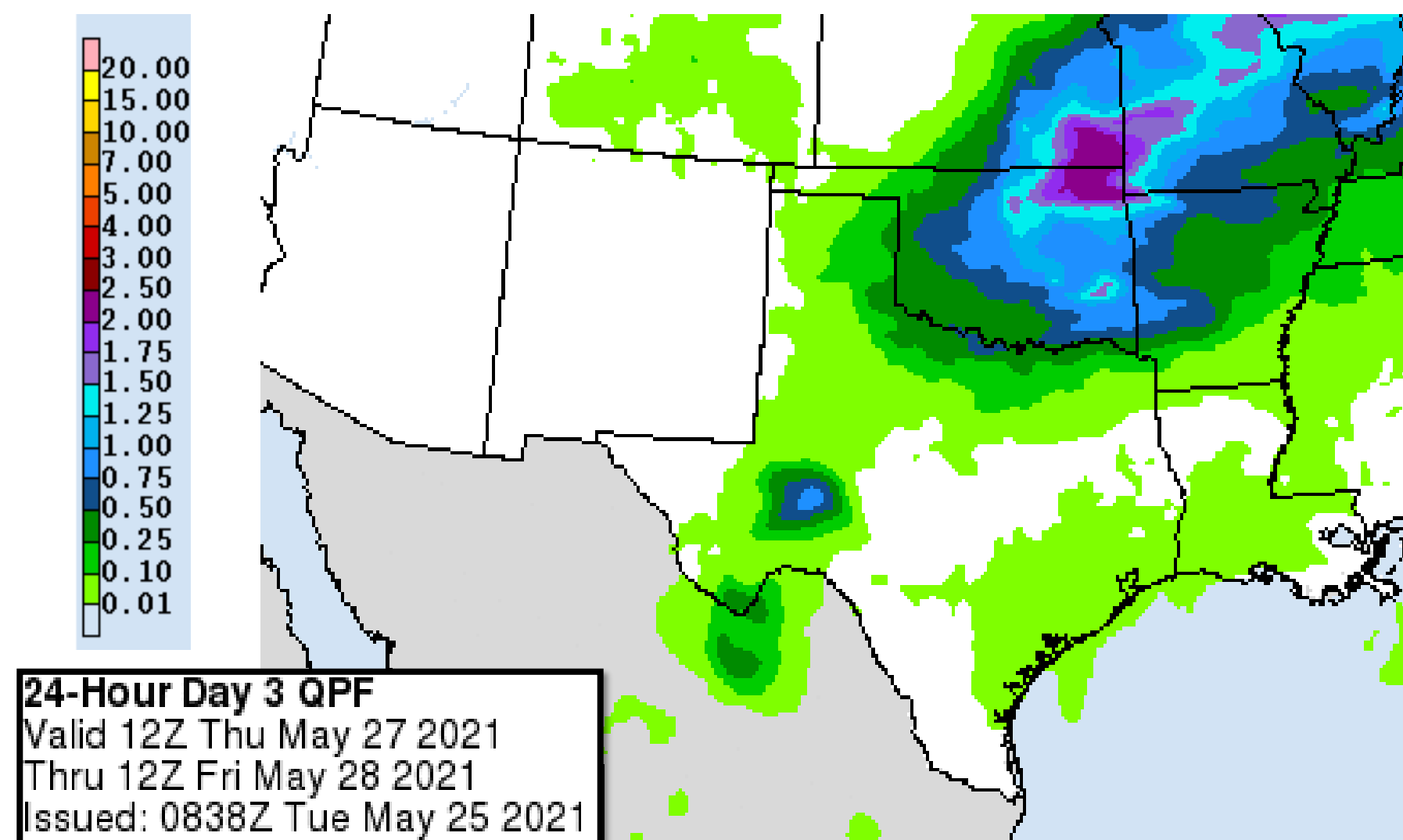


# Thursday's Weather

## Forecast Chart



## Forecast Rainfall

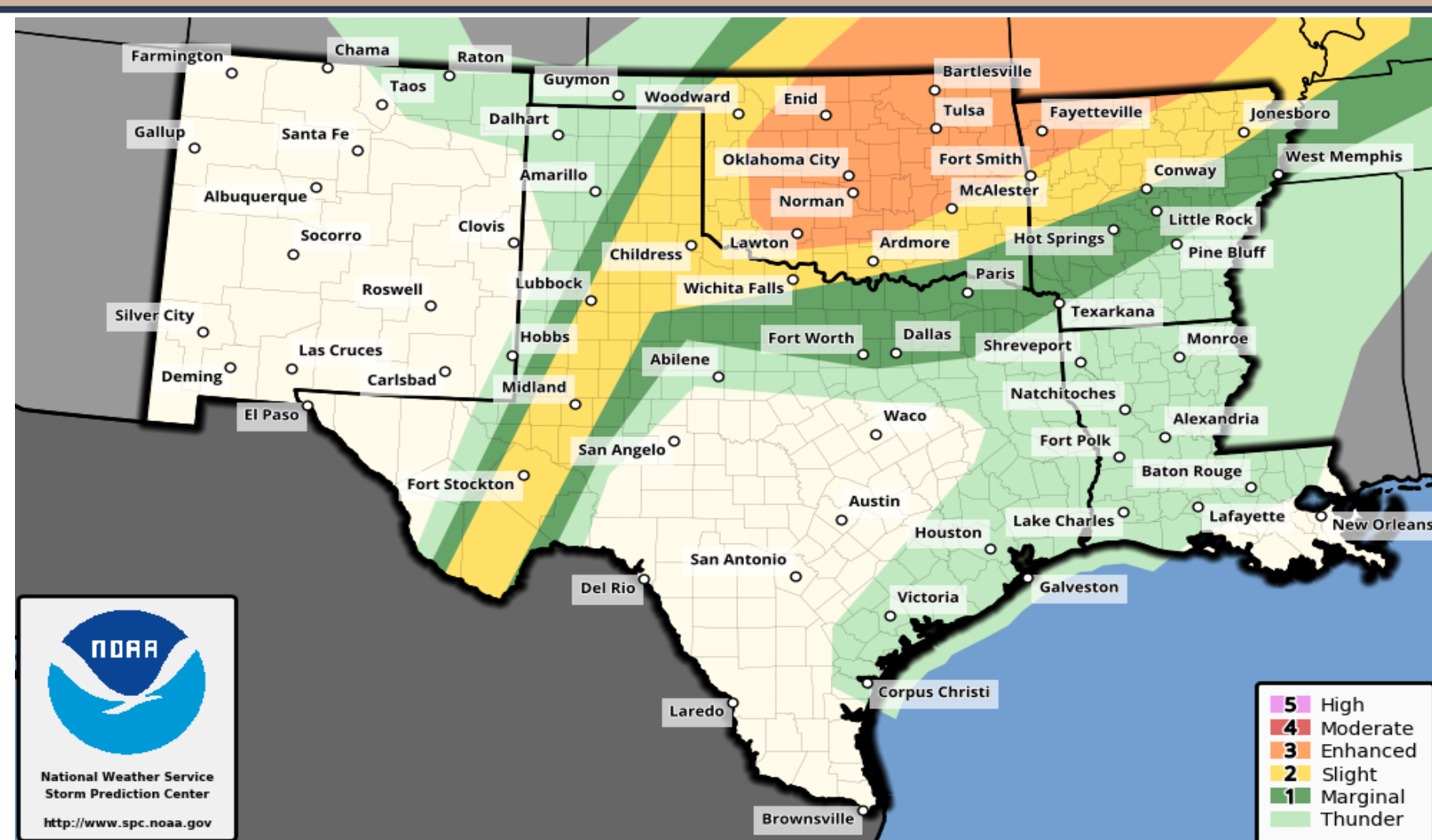


**Enhanced risk of severe storms across OK and NW AR. Threats include damaging winds, very large hail, and tornadoes.**

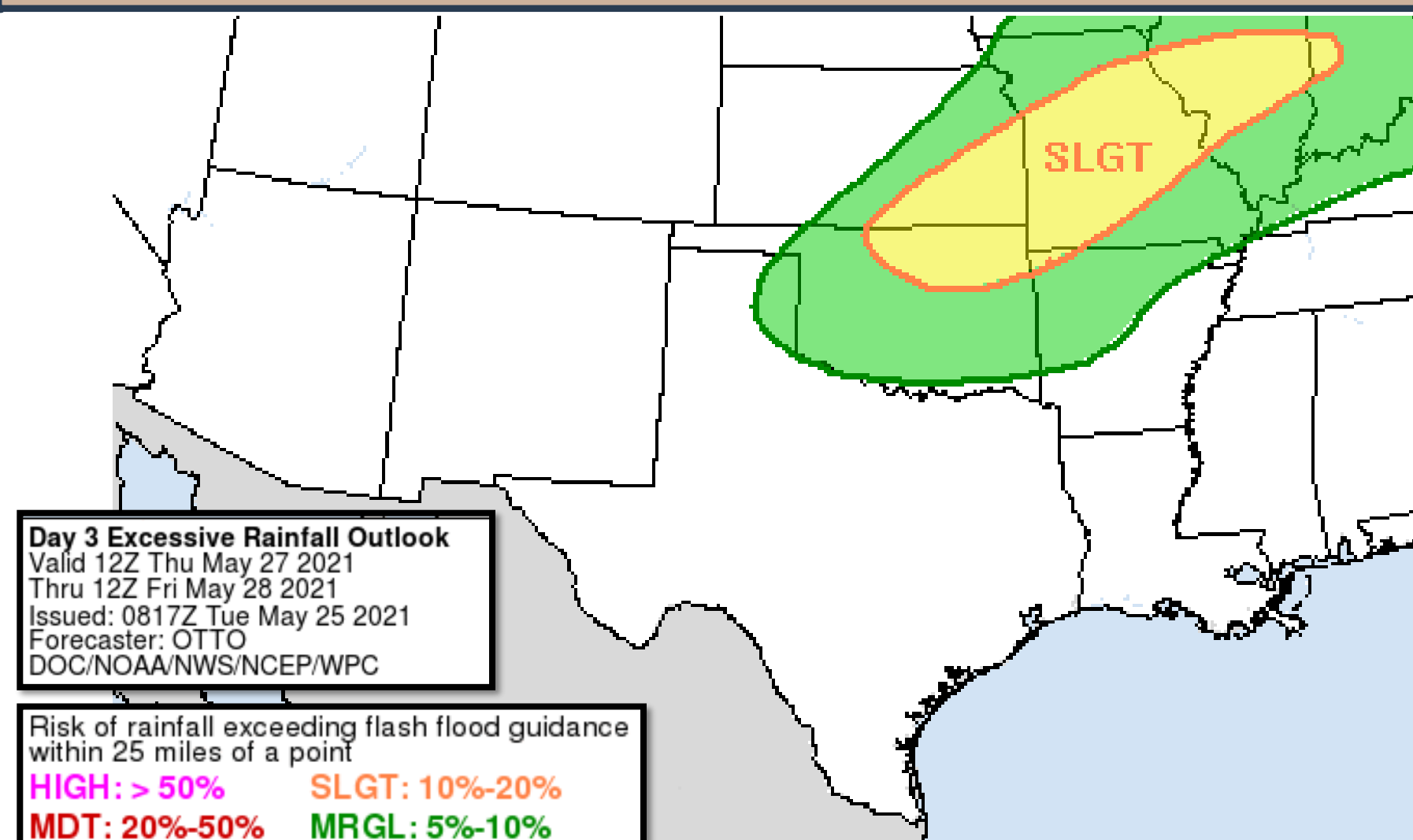
**Slight risk of severe storms across W TX and the E TX Panhandle.**

**Heavy rainfall and flash flooding possible across N OK and NW AR.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Days 4-5 Weather Hazards

Friday - Saturday



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No significant weather impacts expected.

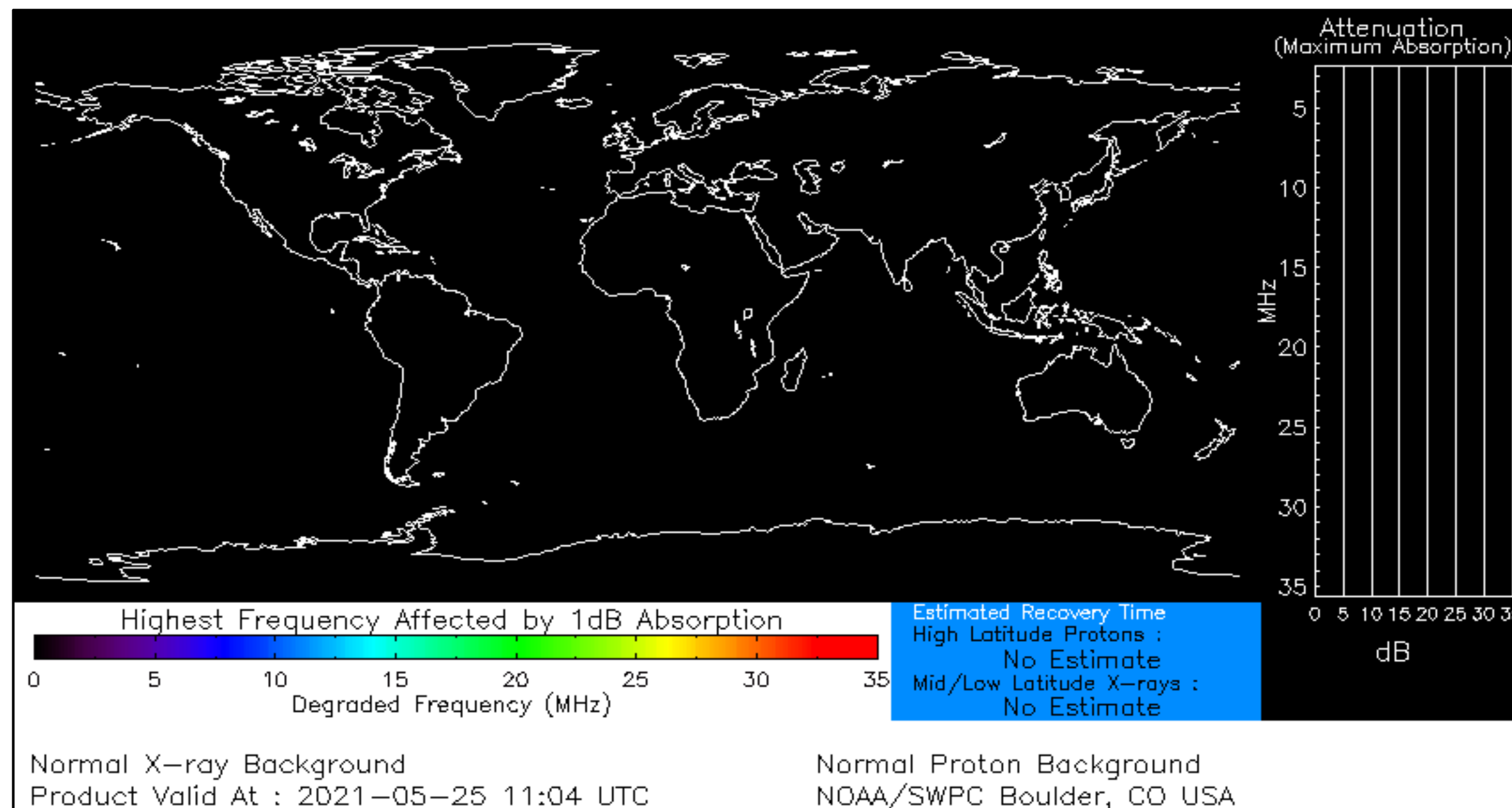


# Space Weather 3-Day Forecast



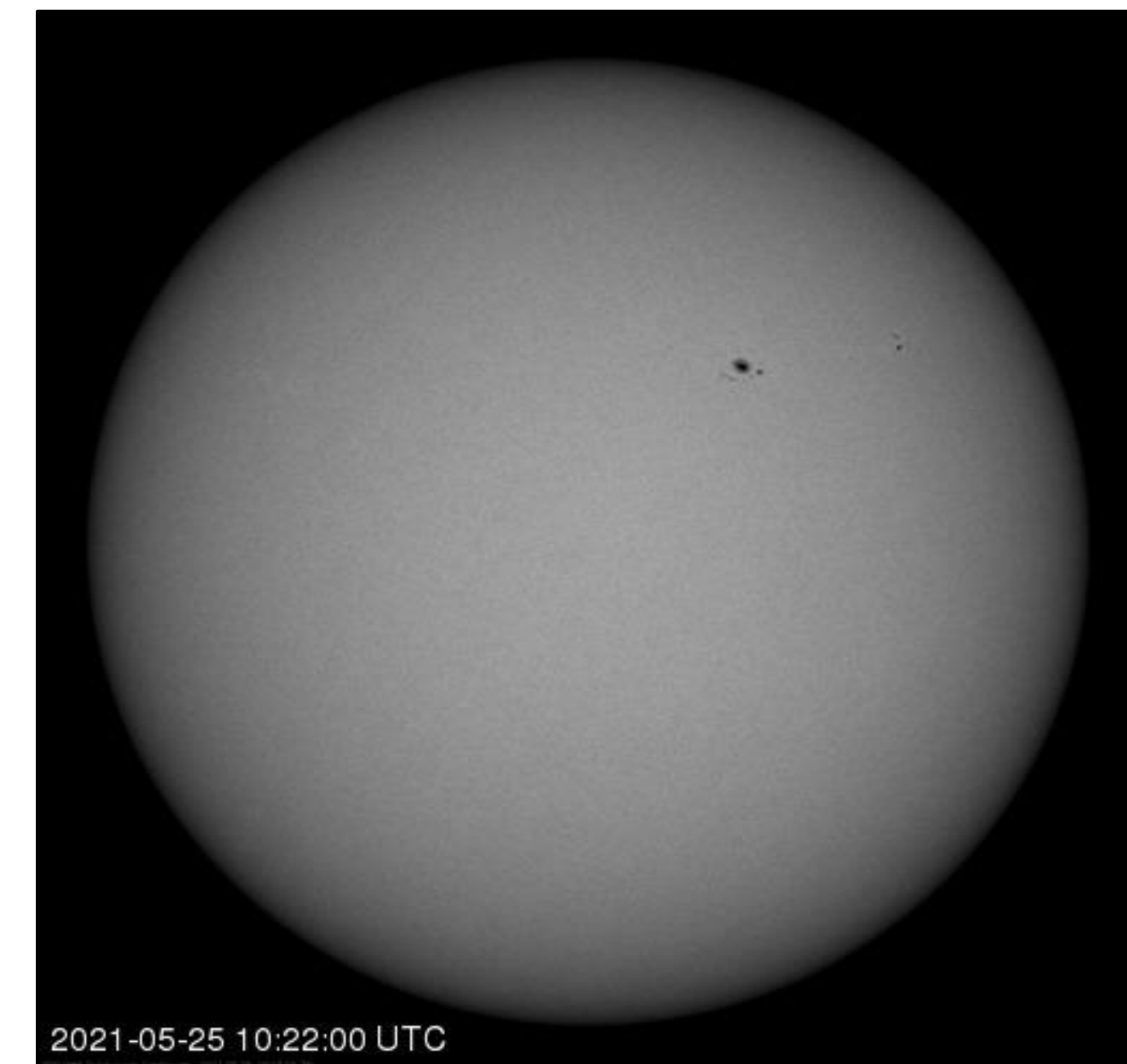
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Moderate (G2) Storm (Max Kp = 6)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	5%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**